

**Flood Control Project Maintenance
Levee Inspections**

Fall 2011 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0070	Overall LMA Rating	Total LMA Miles				
Reclamation District No. 0070 Meridian	A	23.57				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Encroachments	0.05		0.05	0.21%	3.56	0.03
Animal Control	0.26		0.26	1.10%		
<i>Supplemental</i>						
USACE Erosion Survey	1.16		1.16	4.92%		
<i>LMA Totals:</i>	1.47	0.00	1.47	6.24%	3.56	0.03

Unit No. 01 Sutter Bypass RB	Overall Unit Rating	Total Unit Miles				
RD0070	A	8.00				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Encroachments					0.01	
Animal Control	0.13		0.13	1.63%		
<i>Unit Totals:</i>	0.13	0.00	0.13	1.63%	0.01	0.00

Unit No. 02 Sacramento River LB	Overall Unit Rating	Total Unit Miles				
RD0070	A	15.57				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Encroachments	0.05		0.05	0.32%	3.55	0.03
Animal Control	0.13		0.13	0.84%		
<i>Supplemental</i>						
USACE Erosion Survey	1.16		1.16	7.45%		
<i>Unit Totals:</i>	1.34	0.00	1.34	8.61%	3.55	0.03

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2011 Levee Inspection Results

Reclamation District No. 0070 Meridian

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			A	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2011 Levee Inspection Results

Reclamation District No. 0070 Meridian

Waterway			Bank	Unit Miles
Unit No. 01 Sutter Bypass			Right	8.00
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	4/5/2011 - 4/5/2011		10/20/2011 - 10/20/2011	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Ron Long		Ron Long	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0070 Meridian

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass						Right	8.00	10/20/2011 10/20/2011	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.95	0.95	Earthen Levee	Encroachments	LS	PO	Buildings	39.146211 ° -121.844551 °	39.146211 ° -121.844551 °	1 Y
2	3.14	3.26	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.158098 ° -121.877850 °	39.157502 ° -121.879772 °	3 Y
3	3.27	3.27	Earthen Levee	Seepage / Sandboils	LS	C		39.157500 ° -121.879908 °	39.157500 ° -121.879908 °	2
4	6.82	6.82	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.194063 ° -121.916663 °	39.194063 ° -121.916663 °	4 Y

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected
M : Minimally Acceptable CO : Completely Obstructing
U : Unacceptable W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass	Right	8.00	10/20/2011 10/20/2011	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	0.95
End Levee Mile	0.95
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the building along the L/S toe.

rduffey_f_20111128_538.jpg



Levee Mile Report Line	2
Start Levee Mile	3.14
End Levee Mile	3.26
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of the rodent holes along the L/S slope.

rduffey_f_20111128_539.jpg



Levee Mile Report Line	4
Start Levee Mile	6.82
End Levee Mile	6.82
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of the rodent holes along the L/S slope.

rduffey_f_20111128_540.jpg



*** Location**

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**** Rating**

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U : Unacceptable

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W : Watch/Monitor

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2011 Levee Inspection Results

Reclamation District No. 0070 Meridian

Waterway			Bank	Unit Miles
Unit No. 02 Sacramento River			Left	15.57
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	4/5/2011 - 4/5/2011		10/18/2011 - 10/18/2011	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Ron Long		Ron Long	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.57	10/18/2011 10/18/2011	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.01	0.17	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 1997 - Loss of cobble revetment in levee section. 2004 - New fresh erosion in a short section of the downstream end. 2010 - New deposition on cobbles. 2011: No observed change. [2011 Site ID: SAC_138-1_L]	39.193219 ° -121.935783 °	39.190038 ° -121.934199 °	10 Y
2	0.07	0.21	Earthen Levee	Seepage / Sandboils	LS	C		39.193237 ° -121.935147 °	39.191617 ° -121.933873 °	6
3	0.64	0.66	Earthen Levee	Encroachments	LS	C	Prunings	39.187511 ° -121.938304 °	39.187400 ° -121.938673 °	1
4	1.38	1.38	Earthen Levee	Seepage / Sandboils	LS	C		39.178748 ° -121.943085 °	39.178748 ° -121.943085 °	8
5	1.66	1.82	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 1997 - Toe erosion on a cobble revetment on the outside of a low receding bend. 2011: No observed change. [2011 Site ID: SAC_136-6_L]	39.173912 ° -121.938745 °	39.172344 ° -121.937925 °	11 Y
6	2.21	2.21	Earthen Levee	Seepage / Sandboils	LS	C		39.168333 ° -121.936038 °	39.168333 ° -121.936038 °	12
7	2.33	2.33	Earthen Levee	Seepage / Sandboils	LS	C		39.166678 ° -121.935530 °	39.166678 ° -121.935530 °	13
8	2.95	3.05	Earthen Levee	Seepage / Sandboils	LS	C		39.159405 ° -121.930008 °	39.158795 ° -121.928122 °	14
9	3.60	3.60	Earthen Levee	Encroachments	LS	C	Prunings	39.154042 ° -121.920205 °	39.154042 ° -121.920205 °	2
10	3.63	3.63	Earthen Levee	Seepage / Sandboils	LS	C		39.153785 ° -121.919758 °	39.153785 ° -121.919758 °	15
11	3.64	3.64	Earthen Levee	Animal Control	LS	C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.153732 ° -121.919703 °	39.153732 ° -121.919703 °	16
12	4.34	4.50	Earthen Levee	Encroachments	LS	C	Buildings	39.144445 ° -121.917365 °	39.142155 ° -121.918223 °	7
13	4.47	4.48	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 1997 - Local toe scour of cobble site, eroded into the levee section. Outside of a moderate receding bend. Some rock rehabilitation performed. 2010 - Failing cobble site 2011: Cobble site starting to unravel. [2011 Site ID: SAC_133-8_L]	39.142676 ° -121.918333 °	39.142181 ° -121.918598 °	39 Y
14	4.53	4.57	Earthen Levee	Encroachments	WS	M	Prunings	39.141707 ° -121.918480 °	39.141379 ° -121.918972 °	3
15	4.76	4.76	Earthen Levee	Seepage / Sandboils	LS	C		39.140935 ° -121.922095 °	39.140935 ° -121.922095 °	17

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0070 Meridian

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River						Left	15.57	10/18/2011 10/18/2011	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
16	4.99	5.02	Earthen Levee	Encroachments	LS	CO	Buildings	39.142008 ° -121.926267 °	39.142032 ° -121.926855 °	9 Y
17	5.08	5.08	Earthen Levee	Encroachments	LS	M	Prunings	39.142023 ° -121.927828 °	39.142023 ° -121.927828 °	18
18	5.10	5.10	Earthen Levee	Seepage / Sandboils	LS	C		39.141972 ° -121.928160 °	39.141972 ° -121.928160 °	19
19	5.14	5.47	Earthen Levee	Seepage / Sandboils	LS	C		39.141850 ° -121.929007 °	39.142805 ° -121.934700 °	20
20	5.31	5.43	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 1997 - Cobble toe failures. 2000 - Erosion into the levee toe at the downstream end. 2002 - Some fresh erosion at the upstream and downstream end. 2010 - Cobble appears to be at the end of its design life, 1 - 2 ft slump in mid-bank of the cobble, upper cobble is failing. 2011: Some new minor erosion. Cobbles continue fail. [2011 Site ID: SAC_133-0_L]	39.142403 ° -121.932652 °	39.143775 ° -121.936119 °	40 Y
21	5.47	5.84	Earthen Levee	Seepage / Sandboils	LS	C		39.142772 ° -121.934740 °	39.140810 ° -121.938973 °	21
22	6.06	6.54	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2005 - (known as 132) On inside of bend. Erosion of berm toe. Levee slope is steep. Erosion probably due to eddy scour off upstream cobble. 2009 - Groins may be a good option for repair. 2010 - Scour off the upstream rock, some new erosion. 2011: Site extended downstream. [2011 Site ID: SAC_131-8_L]	39.132040 ° -121.936521 °	39.130900 ° -121.934690 °	41 Y
23	6.35	6.47	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	39.133607 ° -121.937483 °	39.132310 ° -121.936277 °	22
24	6.47	7.15	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	39.132233 ° -121.936188 °	39.129068 ° -121.924674 °	4
25	7.25	7.25	Earthen Levee	Seepage / Sandboils	LS	C		39.128033 ° -121.923347 °	39.128033 ° -121.923347 °	23
26	7.37	7.42	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.126788 ° -121.921962 °	39.126202 ° -121.921283 °	35 Y
27	7.52	7.52	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.125195 ° -121.919995 °	39.125195 ° -121.919995 °	36

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.57	10/18/2011 10/18/2011	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
28	8.05	8.24	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 1997 - Critical Site - Erosion of cobble site on outside of a bend. Failure caused by erosion of a material from behind the cobbles and cobbles rolling down the slope. Failure is just above the toe levee. Some repairs had been done at the upstream end. 2004 - Some minor new erosion at the top of the berm. 2005 - Trees look okay and the downstream end has some new rock repair. Site is no longer critical. 2006 - No longer critical, some repairs. 2011: No observed change. [2011 Site ID: SAC_130-0_L]	39.122459 ° -121.910121 °	39.120684 ° -121.909152 °	42 Y
29	8.66	8.71	Earthen Levee	Seepage / Sandboils	LS	C		39.116535 ° -121.905157 °	39.115838 ° -121.904712 °	24
30	9.46	9.52	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.105630 ° -121.900148 °	39.104883 ° -121.899842 °	37 Y
31	9.62	9.86	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	39.103318 ° -121.899622 °	39.100002 ° -121.898747 °	25
32	9.86	10.97	Earthen Levee	Seepage / Sandboils	LS	C		39.100018 ° -121.898745 °	39.087222 ° -121.892680 °	26
33	10.08	10.47	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	39.097662 ° -121.896349 °	39.093662 ° -121.892535 °	5
34	10.76	12.64	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	39.089570 ° -121.893487 °	39.072510 ° -121.884078 °	27
35	11.08	11.08	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.086590 ° -121.890918 °	39.086590 ° -121.890918 °	38 Y
36	11.64	11.67	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2005 - Site was repaired. 2009 - Site is at upstream end of the repair site. 2011: Still minor erosion. [2011 Site ID: SAC_125-8_L]	39.080686 ° -121.891065 °	39.080583 ° -121.891760 °	43 Y
37	11.80	12.35	Earthen Levee	Seepage / Sandboils	LS	C		39.080038 ° -121.892765 °	39.073123 ° -121.889010 °	28
38	13.22	13.22	Earthen Levee	Seepage / Sandboils	LS	C		39.070013 ° -121.873933 °	39.070013 ° -121.873933 °	29
39	13.26	13.27	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	39.069570 ° -121.873243 °	39.069505 ° -121.873083 °	30
40	13.65	13.82	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	39.067858 ° -121.867355 °	39.068408 ° -121.864092 °	31

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.57	10/18/2011 10/18/2011	Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
41	14.08	14.08	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2006 - Erosion into the levee toe. Rock at upstream end has poor transition causing eddy scour. 2010 - Minor new erosion. 2011: Some fresh erosion. [2011 Site ID: SAC_123-3_L]	39.069286 ° -121.857646 °	39.069166 ° -121.857995 °	44 Y
42	14.48	14.48	Earthen Levee	Seepage / Sandboils	LS	C		39.071953 ° -121.852992 °	39.071953 ° -121.852992 °	32
43	14.71	14.77	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	39.071913 ° -121.848778 °	39.071505 ° -121.847913 °	33 Y
44	14.89	15.32	Earthen Levee	Seepage / Sandboils	LS	C		39.070292 ° -121.846372 °	39.066028 ° -121.840447 °	34

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.57	10/18/2011 10/18/2011	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	0.01
End Levee Mile	0.17
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011_SAC_138-1_L_1.jpg



Levee Mile Report Line	1
Start Levee Mile	0.01
End Levee Mile	0.17
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

USACE2011_SAC_138-1_L_2.jpg



Levee Mile Report Line	1
Start Levee Mile	0.01
End Levee Mile	0.17
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #3

USACE2011_SAC_138-1_L_3.jpg



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.57	10/18/2011 10/18/2011	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	0.01
End Levee Mile	0.17
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #4	
USACE2011_SAC_138-1_L_4.jpg	



Levee Mile Report Line	5
Start Levee Mile	1.66
End Levee Mile	1.82
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
USACE2011_SAC_136-6_L_1.jpg	



Levee Mile Report Line	5
Start Levee Mile	1.66
End Levee Mile	1.82
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
USACE2011_SAC_136-6_L_2.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.57	10/18/2011 10/18/2011	Bob Duffey

Levee Mile Report Line	5
Start Levee Mile	1.66
End Levee Mile	1.82
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #3

USACE2011_SAC_136-6_L_3.jpg



Levee Mile Report Line	13
Start Levee Mile	4.47
End Levee Mile	4.48
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011_SAC_133-8_L_1.jpg



Levee Mile Report Line	13
Start Levee Mile	4.47
End Levee Mile	4.48
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

USACE2011_SAC_133-8_L_2.jpg

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.57	10/18/2011 10/18/2011	Bob Duffey

Levee Mile Report Line	16
Start Levee Mile	4.99
End Levee Mile	5.02
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the building along the toe.

rduffey_f_20110927_510.jpg



Levee Mile Report Line	20
Start Levee Mile	5.31
End Levee Mile	5.43
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011_SAC_133-0_L_1.jpg



Levee Mile Report Line	20
Start Levee Mile	5.31
End Levee Mile	5.43
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

USACE2011_SAC_133-0_L_2.jpg



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.57	10/18/2011 10/18/2011	Bob Duffey

Levee Mile Report Line	20
Start Levee Mile	5.31
End Levee Mile	5.43
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #3

USACE2011_SAC_133-0_L_3.jpg



Levee Mile Report Line	22
Start Levee Mile	6.06
End Levee Mile	6.54
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011_SAC_131-8_L_1.jpg



Levee Mile Report Line	22
Start Levee Mile	6.06
End Levee Mile	6.54
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

USACE2011_SAC_131-8_L_2.jpg



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.57	10/18/2011 10/18/2011	Bob Duffey

Levee Mile Report Line	22
Start Levee Mile	6.06
End Levee Mile	6.54
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #3

USACE2011_SAC_131-8_L_3.jpg



Levee Mile Report Line	26
Start Levee Mile	7.37
End Levee Mile	7.42
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of rodent holes along the L/S slope.

rduffey_f_20111128_533.jpg



Levee Mile Report Line	28
Start Levee Mile	8.05
End Levee Mile	8.24
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011_SAC_130-0_L_1.jpg



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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FINAL DATA

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.57	10/18/2011 10/18/2011	Bob Duffey

Levee Mile Report Line	28
Start Levee Mile	8.05
End Levee Mile	8.24
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

USACE2011_SAC_130-0_L_2.jpg



Levee Mile Report Line	28
Start Levee Mile	8.05
End Levee Mile	8.24
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #3

USACE2011_SAC_130-0_L_3.jpg



Levee Mile Report Line	30
Start Levee Mile	9.46
End Levee Mile	9.52
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of rodent holes along the L/S slope.

rduffey_f_20111128_534.jpg

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment
C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.57	10/18/2011 10/18/2011	Bob Duffey

Levee Mile Report Line	35
Start Levee Mile	11.08
End Levee Mile	11.08
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of rodent holes along the L/S slope.

rduffey_f_20111128_536.jpg



Levee Mile Report Line	36
Start Levee Mile	11.64
End Levee Mile	11.67
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011_SAC_125-8_L_1.jpg



Levee Mile Report Line	41
Start Levee Mile	14.08
End Levee Mile	14.08
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011_SAC_123-3_L_1.jpg



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.57	10/18/2011 10/18/2011	Bob Duffey

Levee Mile Report Line	43
Start Levee Mile	14.71
End Levee Mile	14.77
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the AG ditch along the L/S toe.

rduffey_f_20110927_527.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected
M : Minimally Acceptable CO : Completely Obstructing
U : Unacceptable W : Watch/Monitor